

ABSTRACT

A bumper assembly and a process of fabricating the assembly that is designed to increase kinetic energy absorption and reduce deflection during a vehicular impact event. The bumper assembly comprising a vehicular bumper beam, a pair of mounting brackets that attach the bumper beam to a vehicular frame, and a fascia that partially encloses the bumper beam. The vehicular bumper is a structural cross member with two or more beads on an impact face of the bumper beam.

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